

811 Consolidated Service Invoice/Statement

Functional Group ID= **CI**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Consolidated Service Invoice/Statement Transaction Set (811) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides for the billing of complex and structured service invoice detail. This standard can be used by organizations who are interested in sending or receiving either consolidated or standalone invoices for service arrangements which require processing other than that done for the typical product invoice. The Consolidated Service Invoice/Statement can be used as a credit/debit memo to differentiate between payable invoice items and information-only memo items. This transaction set should not be used as a standalone notification of a credit/debit adjustment.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
5	010	ST	Transaction Set Header	M	1		
6	020	BIG	Beginning Segment for Invoice	M	1		
8	050	REF	Reference Identification	O	>1		
10	060	PER	Administrative Communications Contact	O	3		
12	070	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
14	080	DTM	Date/Time Reference	O	10		
LOOP ID - N1						>1	
15	100	N1	Name	O	1		
17	120	N3	Address Information	O	2		
18	130	N4	Geographic Location	O	1		
19	150	PER	Administrative Communications Contact	O	3		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - HL						>1	
20	010	HL	Hierarchical Level	M	1		n1
LOOP ID - LX						>1	
22	020	LX	Assigned Number	O	1		
23	050	REF	Reference Identification	O	>1		
26	060	AMT	Monetary Amount	O	5		
28	070	DTM	Date/Time Reference	O	8		
29	080	TXI	Tax Information	O	>1		
LOOP ID - QTY						10	
31	090	QTY	Quantity	O	1		
LOOP ID - NM1						1	

811 Credit Card Invoice

33	110	NM1	Individual or Organizational Name	O	1	n2
35	120	N2	Additional Name Information	O	2	
36	130	N3	Address Information	O	2	
37	140	N4	Geographic Location	O	1	
38	150	REF	Reference Identification	O	2	
LOOP ID - IT1					999999	
40	210	IT1	Baseline Item Data (Invoice)	O	1	n3
43	230	PID	Product/Item Description	O	200	
45	250	TXI	Tax Information	O	>1	
47	260	REF	Reference Identification	O	8	
49	270	DTM	Date/Time Reference	O	10	
LOOP ID - AMT					>1	
50	285	AMT	Monetary Amount	O	1	
51	287	CUR	Currency	O	1	
LOOP ID - QTY					>1	
54	290	QTY	Quantity	O	1	
56	300	SI	Service Characteristic Identification	O	1	
LOOP ID - ITA					10	
58	310	ITA	Allowance, Charge or Service	O	1	
LOOP ID - SLN					>1	
60	390	SLN	Subline Item Detail	O	1	n4
64	410	PID	Product/Item Description	O	200	
66	440	ITA	Allowance, Charge or Service	O	10	
68	450	TXI	Tax Information	O	>1	
70	460	REF	Reference Identification	O	>1	
72	480	DTM	Date/Time Reference	O	10	
73	490	AMT	Monetary Amount	O	15	
LOOP ID - NM1					>1	
74	530	NM1	Individual or Organizational Name	O	1	
76	560	N4	Geographic Location	O	1	
LOOP ID - TCD					>1	
77	590	TCD	Itemized Call Detail	O	1	n5
79	600	SI	Service Characteristic Identification	O	2	
81	610	TXI	Tax Information	O	>1	
83	615	ITA	Allowance, Charge or Service	O	>1	
LOOP ID - QTY					>1	
85	617	QTY	Quantity	O	1	
87	618	SI	Service Characteristic Identification	O	1	
LOOP ID - III					>1	
89	670	III	Information	O	1	
91	680	DTP	Date or Time or Period	O	5	
92	690	AMT	Monetary Amount	O	5	
93	700	PCT	Percent Amounts	O	5	
LOOP ID - LQ					>1	
94	710	LQ	Industry Code	O	1	

811 Credit Card Invoice

95	720	AMT	Monetary Amount	O	5			
96	730	PCT	Percent Amounts	O	5			

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
97	010	TDS	Total Monetary Value Summary	M	1		
			LOOP ID - ITA			>1	
98	020	ITA	Allowance, Charge or Service	O	1		
100	030	DTM	Date/Time Reference	O	1		
101	035	REF	Reference Identification	O	5		
			LOOP ID - BAL			>1	
103	040	BAL	Balance Detail	O	1		
104	050	DTM	Date/Time Reference	O	1		
			LOOP ID - N1			>1	
105	060	N1	Name	O	1		
			LOOP ID - BAL			>1	
106	070	BAL	Balance Detail	O	1		
107	080	DTM	Date/Time Reference	O	1		
			LOOP ID - ITA			>1	
108	090	ITA	Allowance, Charge or Service	O	1		
110	100	DTM	Date/Time Reference	O	2		
111	102	AMT	Monetary Amount	O	1		
112	103	SI	Service Characteristic Identification	O	2		
114	105	REF	Reference Identification	O	5		
116	106	CUR	Currency	O	1		
119	110	CTT	Transaction Totals	O	1		n6
121	120	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

- Valid codes for HL03 to define levels for this transaction set are given below: 1 - Service/Billing Provider (Identifies the Company Providing the Service/Billing) 2 - Billing Arrangement (Identifies a Specific Billing Arrangement) 3 - Sub-billing Arrangement (Identifies a More Detailed Billing Arrangement) 4 - Group (Identifies a Group of Charges on the Bill) 5 - Category (Identifies the Subdivision of the Group) 6 - Subcategory (Identifies a Further Breakdown of the Category) 7 - Type (Identifies a Further Breakdown of the Subcategory) 8 - Charge Detail (Identifies the Lowest Level of Charges within a Billing Arrangement) 9 - Line Detail (Identifies the Supporting Detail Associated with the Charge or Group Level) They must be used in the (hierarchical) order in which they are listed; however, certain levels are optional and may be omitted. At least one occurrence each of the service/billing provider level and group level is required.
- When used for telecommunications billing, the service/billing provider level is defined by the NM1 loop.
- The group level is defined by at least one occurrence of the IT1 loop which may only appear at the group level.
- The SLN loop may only appear at the charge detail level.
- The TCD loop may only appear at the line detail level.

811 Credit Card Invoice

6. The number of line items (CTT01) is the accumulation of the number of IT1 segments.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143		Transaction Set Identifier Code	M ID 3/3
				Code uniquely identifying a Transaction Set	
				811 Consolidated Service Invoice/Statement	
Must Use	ST02	329		Transaction Set Control Number	M AN 4/9
				Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
				<i>A unique number assigned by the originator of the transaction set, or by the originator's application program.</i>	

Segment: **BIG** Beginning Segment for Invoice
Position: 020
Loop:
Level: Heading:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Syntax Notes:

Semantic Notes:

- 1 BIG01 is the invoice issue date.
- 2 BIG03 is the date assigned by the purchaser to purchase order.
- 3 BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.

Comments:

- 1 BIG07 is used only to further define the type of invoice when needed.

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	BIG01	373 Date	M DT 8/8
		Date expressed as CCYYMMDD	
		<i>Use for the invoice date.</i>	
Must Use	BIG02	76 Invoice Number	M AN 1/22
		Identifying number assigned by issuer	
Not Used	BIG03	373 Date	O DT 8/8
		Date expressed as CCYYMMDD	
	BIG04	324 Purchase Order Number	O AN 1/22
		Identifying number for Purchase Order assigned by the orderer/purchaser	
		<i>Use for the Contract Number.</i>	
Not Used	BIG05	328 Release Number	O AN 1/30
		Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	
Not Used	BIG06	327 Change Order Sequence Number	O AN 1/8
		Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	
	BIG07	640 Transaction Type Code	O ID 2/2
		Code specifying the type of transaction	
		CI Consolidated Invoice	
		ME Memorandum	
	BIG08	353 Transaction Set Purpose Code	O ID 2/2
		Code identifying purpose of transaction set	
		00 Original	
		01 Cancellation	

811 Credit Card Invoice

			07	Duplicate		
	BIG09	306	Action Code		O	ID 1/2
			Code indicating type of action			
			F	Final		
Not Used	BIG10	76	Invoice Number		O	AN 1/22
			Identifying number assigned by issuer			

Segment: **REF** **Reference Identification**
Position: 050
Loop:
Level: Heading:
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
		12	Billing Account Account Number under which billing is rendered.	
		14	Master Account Number Account number used to represent individual billing accounts which have been consolidated and/or summarized.	
		BTC	Billing Type Code (Relationship to Customer) DMR required to establish this code value.	
		CCC	Client Company Code DMR required to establish this code value.	
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30

811 Credit Card Invoice

Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3
Not Used	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30
Not Used	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3
Not Used	C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30

Segment: **PER** Administrative Communications Contact
Position: 060
Loop:
Level: Heading:
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes: 1 If either PER03 or PER04 is present, then the other is required.
 2 If either PER05 or PER06 is present, then the other is required.
 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			<i>Contact Functional Code at Issuing Bank.</i>	
			DC Delivery Contact	
			EA EDI Coordinator	
	PER02	93	Name	O AN 1/60
			Free-form name	
	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			EM Electronic Mail	
			FX Facsimile	
			TE Telephone	
	PER04	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
Not Used	PER05	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
Not Used	PER06	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
Not Used	PER07	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
Not Used	PER08	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when	

811 Credit Card Invoice

Not Used	PER09	443	applicable Contact Inquiry Reference	O AN 1/20
Additional reference number or description to clarify a contact number				

Segment:	ITD Terms of Sale/Deferred Terms of Sale
Position:	070
Loop:	
Level:	Heading:
Usage:	Optional
Max Use:	5
Purpose:	To specify terms of sale
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required. 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required. 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.
Comments:	<ol style="list-style-type: none"> 1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

Data Element Summary

<u>Ref.</u>	<u>Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
ITD01		336	Terms Type Code	O ID 2/2
			Code identifying type of payment terms	
			03 Fixed Date	
			16 Prompt Payment Act	
ITD02		333	Terms Basis Date Code	O ID 1/2
			Code identifying the beginning of the terms period	
			<i>Use any appropriate code to define the beginning of the terms period, e.g., code 3 = Invoice.</i>	
			Refer to 003072 Data Element Dictionary for acceptable code values.	
Not Used	ITD03	338	Terms Discount Percent	O R 1/6
			Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	
Not Used	ITD04	370	Terms Discount Due Date	X DT 8/8
			Date payment is due if discount is to be earned expressed in format CCYYMMDD	
Not Used	ITD05	351	Terms Discount Days Due	X N0 1/3
			Number of days in the terms discount period by which payment is due if terms discount is earned	
Not Used	ITD06	446	Terms Net Due Date	O DT 8/8
			Date when total invoice amount becomes due expressed in format CCYYMMDD	
	ITD07	386	Terms Net Days	O N0 1/3
			Number of days until total invoice amount is due (discount not applicable)	
Not Used	ITD08	362	Terms Discount Amount	O N2 1/10

811 Credit Card Invoice

			Total amount of terms discount		
Not Used	ITD09	388	Terms Deferred Due Date	O	DT 8/8
			Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD		
Not Used	ITD10	389	Deferred Amount Due	X	N2 1/10
			Deferred amount due for payment		
Not Used	ITD11	342	Percent of Invoice Payable	X	R 1/5
			Amount of invoice payable expressed in percent		
Not Used	ITD12	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	ITD13	765	Day of Month	X	N0 1/2
			The numeric value of the day of the month between 1 and the maximum day of the month being referenced		
	ITD14	107	Payment Method Code	O	ID 1/2
			Code identifying type of payment procedures		
			<i>Other codes than those listed may be required.</i>		
			C		Pay By Check
			E		Electronic Payment System
Not Used	ITD15	954	Percent	O	R 1/10
			Percentage expressed as a decimal		

Segment: **DTM** Date/Time Reference
Position: 080
Loop:
Level: Heading:
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
		186	Invoice Period Start	
		187	Invoice Period End	
		359	Cycle End	
			Cycle closing date.	
		814	Payment Due Date	
	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
Not Used	DTM03	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
Not Used	DTM05	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	
Not Used	DTM06	1251	Date Time Period	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

Segment:	N1 Name
Position:	100
Loop:	N1 Optional
Level:	Heading:
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<i>If there is a 1/N1/100 loop with N101 code PR, there will be AO loops (Account of) at lower HL levels, i.e., HL levels 02-06 and 07. If there is a 1/N1/100 loop with code BT (Bill to), i.e., receiving the bill, not paying, there will be PR loops down in the lower HL segments, or AOs. Depending on the level at which the PR loop is found, there maybe AOs at the lower levels.</i>

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
Must Use	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		57 Servicing Organization	
		BT Bill-to-Party	
		Entity receiving the bill, not necessarily paying.	
		PE Payee	
		Entity being paid.	
		PR Payer	
		Entity paying the bill.	
		RI Remit To	
		Note from spreadsheet: Describe in IC situations in which this is used.	
N102	93	Name	X AN 1/60
		Free-form name	
N103	66	Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		1 D-U-N-S Number, Dun & Bradstreet	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	

811 Credit Card Invoice

			FA	Facility Identification		
Not Used	N104	67	Identification Code		X	AN 2/20
			Code identifying a party or other code			
Not Used	N105	706	Entity Relationship Code		O	ID 2/2
			Code describing entity relationship			
Not Used	N106	98	Entity Identifier Code		O	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual			

Segment: **N3** Address Information
Position: 120
Loop: N1 Optional
Level: Heading:
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	N301	166	Address Information	M AN 1/55
			Address information	
			<i>Street address.</i>	
Not Used	N302	166	Address Information	O AN 1/55
			Address information	

Segment: **N4 Geographic Location**
Position: 130
Loop: N1 Optional
Level: Heading:
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name	O AN 2/30
		Free-form text for city name	
N402	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
N403	116	Postal Code	O ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
Not Used	N404	26 Country Code	O ID 2/3
		Code identifying the country	
Not Used	N405	309 Location Qualifier	X ID 1/2
		Code identifying type of location	
Not Used	N406	310 Location Identifier	O AN 1/30
		Code which identifies a specific location	

Segment: **PER** Administrative Communications Contact
Position: 150
Loop: N1 Optional
Level: Heading:
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes: 1 If either PER03 or PER04 is present, then the other is required.
 2 If either PER05 or PER06 is present, then the other is required.
 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
Must Use	PER01	366	Contact Function Code		M ID 2/2
			Code identifying the major duty or responsibility of the person or group named		
			CR Customer Relations		
			SE Service Organization		
	PER02	93	Name		O AN 1/60
			Free-form name		
	PER03	365	Communication Number Qualifier		X ID 2/2
			Code identifying the type of communication number		
			TE Telephone		
	PER04	364	Communication Number		X AN 1/80
			Complete communications number including country or area code when applicable		
Not Used	PER05	365	Communication Number Qualifier		X ID 2/2
			Code identifying the type of communication number		
Not Used	PER06	364	Communication Number		X AN 1/80
			Complete communications number including country or area code when applicable		
Not Used	PER07	365	Communication Number Qualifier		X ID 2/2
			Code identifying the type of communication number		
Not Used	PER08	364	Communication Number		X AN 1/80
			Complete communications number including country or area code when applicable		
Not Used	PER09	443	Contact Inquiry Reference		O AN 1/20
			Additional reference number or description to clarify a contact number		

Segment: **HL** Hierarchical Level
Position: 010
Loop: HL Mandatory
Level: Detail:
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:**Semantic Notes:**

- Comments:**
- 1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
The HL segment defines a top-down/left-right ordered structure.
 - 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
 - 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
 - 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
 - 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Data Element Summary

	Ref.	Data	
	Des.	Element	Name
			Attributes
Must Use	HL01	628	Hierarchical ID Number
			M AN 1/12
			A unique number assigned by the sender to identify a particular data segment in a hierarchical structure
			<i>Sequential number assigned to this HL segment.</i>
	HL02	734	Hierarchical Parent ID Number
			O AN 1/12
			Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to
			<i>Not used at HLI (Card Issuer Level).</i>
Must Use	HL03	735	Hierarchical Level Code
			M ID 1/2
			Code defining the characteristic of a level in a hierarchical structure
		1	Service/Billing Provider
			Use to indicate the Issuing Bank
		2	Billing Arrangement

811 Credit Card Invoice

	Use to indicate client organization level 1.
3	Sub-Billing Arrangement
	Use to indicate client organization level 2.
4	Group
	Use to indicate client organization level 3.
5	Category
	Use to indicate client organization level 4.
6	Sub-Category
	Use to indicate client organization level 5.
7	Type
	Use to indicate card holder/account level.
8	Charge Detail
	Use to indicate transaction level.
9	Line Detail
	Use to indicate line item detail level.

HL04 736 Hierarchical Child Code O ID 1/1
Code indicating if there are hierarchical child data segments subordinate to the level being described
Refer to 003072 Data Element Dictionary for acceptable code values.

811 Credit Card Invoice

Segment: **LX** Assigned Number
Position: 020
Loop: LX Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:
Notes: *Use of the LX loop is required.*

Data Element Summary

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	LX01	554	Assigned Number	M N0 1/6
			Number assigned for differentiation within a transaction set	

Segment:	REF Reference Identification
Position:	050
Loop:	LX Optional
Level:	Detail:
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	<i>This segment is not used at the HL01 (Issuing Bank) level.</i>

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		12 Billing Account	
		14 Master Account Number	
		9X Account Category	
		ASC Account Status Code	
			Use for open, closed, lost, stolen. Needs further discussion.
		BTC Billing Type Code (Relationship to Customer)	
			DMR required to establish this code value.
			If there is a Master Account in the header, this is a subaccount; otherwise it is a primary account.
		CA Cost Allocation Reference	
			Use for Customer Accounting Reference Number.
		CCC Client Company Code	
			DMR required to establish this code value.
		E4 Charge Card Number	
			Use for Charge Card number (i.e., number that appears on the card). Note: may not have a physical plastic card.
		RH1 Reporting Hierarchy Number Assigned to Account at Level 1	
			DMR required to establish this code value.
		RH2 Reporting Hierarchy Number Assigned to Account at Level 2	
			DMR required to establish this code value.

		RH3	Reporting Hierarchy Number Assigned to Account at Level 3 DMR required to establish this code value.
		RH4	Reporting Hierarchy Number Assigned to Account at Level 4 DMR required to establish this code value.
		RH5	Reporting Hierarchy Number Assigned to Account at Level 5 DMR required to establish this code value.
		RH6	Reporting Hierarchy Number Assigned to Account at Level 6 DMR required to establish this code value.
		RH7	Reporting Hierarchy Number Assigned to Account at Level 7 DMR required to establish this code value.
REF02	127	Reference Identification	X AN 1/30 Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Use in HL07 loops with REF01 code 9X, to indicate Account Type, e.g., Corporate vs. Control vs. Individual.</i> <i>Use of account types needs to be addressed. May be specific to a bank or customer.</i>
REF03	352	Description	X AN 1/80 A free-form description to clarify the related data elements and their content
REF04	C040	Reference Identifier	O To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier
Must Use	C04001	128 Reference Identification Qualifier	M ID 2/3 Code qualifying the Reference Identification Refer to 003072 Data Element Dictionary for acceptable code values.
Must Use	C04002	127 Reference Identification	M AN 1/30 Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
	C04003	128 Reference Identification Qualifier	X ID 2/3 Code qualifying the Reference Identification Refer to 003072 Data Element Dictionary for acceptable code values.
	C04004	127 Reference Identification	X AN 1/30 Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
	C04005	128 Reference Identification Qualifier	X ID 2/3 Code qualifying the Reference Identification

811 Credit Card Invoice

Refer to 003072 Data Element Dictionary for acceptable code values.

C04006	127	Reference Identification	X	AN 1/30
---------------	------------	---------------------------------	----------	----------------

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: **AMT** Monetary Amount
Position: 060
Loop: LX Optional
Level: Detail:
Usage: Optional
Max Use: 5
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Notes: *This segment is not used at the HL01 (Issuing Bank) level.*

Note in spreadsheet indicates a need to increase the maximum use to >1; at 3072, the maximum use is 5; is this sufficient?

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	AMT01	522	Amount Qualifier Code	M ID 1/3
			Code to qualify amount	
		AT	Total Received	
			In HL07 loops, use for Total Dollar Payment Received and applied to invoice.	
		CAD	Current Amount Due	
			DMR required to establish this code value.	
		DI	Charge Off	
		GX	Total Credit	
		GY	Total Debit	
		IDA	Dispute Amount	
			DMR required to establish this code value. Use in HL07 loops for dispute amount.	
		LM	Limit	
			Use to indicate credit limit.	
		MD	Minimum Due	
			[Note: Is this needed in commercial cards?]	
		PB	Billed Amount	
			Use for cardholder total dollars charged [(Debits - Credits) + fees for this billing cycle].	
		PI	Per Occurrence Monthly Limit	
		PJ	Past Due	
		PR	Per Occurrence Limit	
		PRB	Previous Balance	
			DMR required to establish this code value.	

811 Credit Card Invoice

T4 Total Current Balance

TDA Total Dispute Amount

DMR required to establish this code value. Use in HL02 to HL06 loops.

Must Use **AMT02** **782** **Monetary Amount** **M** **R 1/18**

Monetary amount

When AMT01 is code PB, this is the net new charges.

AMT03 **478** **Credit/Debit Flag Code** **O** **ID 1/1**

Code indicating whether amount is a credit or debit

Refer to 003072 Data Element Dictionary for acceptable code values.

Segment: **DTM** Date/Time Reference

Position: 070

Loop: LX Optional

Level: Detail:

Usage: Optional

Max Use: 8

Purpose: To specify pertinent dates and times

Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *This segment is not used at the HL01 (Issuing Bank) level.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier		M ID 3/3
				Code specifying type of date or time, or both date and time	
			814	Payment Due Date	
				If master account is not defined in header, then due date would appear here. Payment Due Date based on trading partner agreement.	
	DTM02	373	Date		X DT 8/8
				Date expressed as CCYYMMDD	
Not Used	DTM03	337	Time		X TM 4/8
				Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623	Time Code		O ID 2/2
				Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
Not Used	DTM05	1250	Date Time Period Format Qualifier		X ID 2/3
				Code indicating the date format, time format, or date and time format	
Not Used	DTM06	1251	Date Time Period		X AN 1/35
				Expression of a date, a time, or range of dates, times or dates and times	

Segment: TXI Tax Information**Position:** 080**Loop:** LX Optional**Level:** Detail:**Usage:** Optional**Max Use:** >1**Purpose:** To specify tax information

Syntax Notes:

- 1 At least one of TXI02 TXI03 or TXI06 is required.
- 2 If either TXI04 or TXI05 is present, then the other is required.
- 3 If TXI08 is present, then TXI03 is required.

Semantic Notes:

- 1 TXI02 is the monetary amount of the tax.
- 2 TXI03 is the tax percent expressed as a decimal.
- 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

Notes: *This segment is not used at the HL01 (Issuing Bank) level.*

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	TXI01	963 Tax Type Code	M	ID 2/2
		Code specifying the type of tax		
		<i>Other qualifiers, in addition to TX, may be required.</i>		
		TX All Taxes		
	TXI02	782 Monetary Amount	X	R 1/18
		Monetary amount		
	TXI03	954 Percent	X	R 1/10
		Percentage expressed as a decimal		
	TXI04	955 Tax Jurisdiction Code Qualifier	X	ID 2/2
		Code identifying the source of the data used in tax jurisdiction code		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
	TXI05	956 Tax Jurisdiction Code	X	AN 1/10
		Code identifying the taxing jurisdiction		
	TXI06	441 Tax Exempt Code	X	ID 1/1
		Code identifying exemption status from sales and use tax		
		1 Yes (Tax Exempt)		
		2 No (Not Tax Exempt)		
	TXI07	662 Relationship Code	O	ID 1/1
		Code indicating the relationship between entities		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
	TXI08	828 Dollar Basis For Percent	O	R 1/9
		Dollar basis to be used in the percent calculation of the allowance, charge or tax		

811 Credit Card Invoice

TXI09	325	Tax Identification Number	O AN 1/20
		Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number	
TXI10	350	Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	

Segment: **QTY** Quantity
Position: 090
Loop: QTY Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: 1 At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	QTY01	673	Quantity Qualifier	M ID 2/2
			Code specifying the type of quantity	
		64	Past Due Quantity	
			In HL07 loops, use to indicate number of payments past due.	
		TAA	Total Accounts Active This Cycle	
			DMR required to establish this code value (max. 2 characters).	
		TAP	Total Accounts Past Due	
			DMR required to establish this code value (max. 2 characters).	
		TNL	Total Number of Lost Cards	
			DMR required to establish this code value (max. 2 characters).	
		TNO	Total Number of Cards Outstanding	
			DMR required to establish this code value (max. 2 characters).	
		TNR	Total Number of Cards Not Received	
			DMR required to establish this code value (max. 2 characters).	
		TNS	Total Number of Stolen Cards	
			DMR required to establish this code value (max. 2 characters).	
		TOA	Total Open Accounts	
			DMR required to establish this code value (max. 2 characters).	
	QTY02	380	Quantity	X R 1/15
			Numeric value of quantity	

811 Credit Card Invoice

Not Used	QTY03	C001	Composite Unit of Measure	O	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
Not Used	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00102	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00103	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00104	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00105	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00106	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00107	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00108	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00109	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00111	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00114	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	QTY04	61	Free-Form Message	X	AN 1/30
			Free-form information		

Segment: **NM1** **Individual or Organizational Name**
Position: 110
Loop: NM1 Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To supply the full name of an individual or organizational entity
Syntax Notes: 1 If either NM108 or NM109 is present, then the other is required.
2 If NM111 is present, then NM110 is required.
Semantic Notes: 1 NM102 qualifies NM103.
Comments: 1 NM110 and NM111 further define the type of entity in NM101.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	NM101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			<i>In HL02 to HL06 loops, code BT, PR or AO could be applicable, depending on billing arrangement.</i>	
			AO	Account Of
			BT	Bill-to-Party
			DH	Doing Business As
				Merchant "Doing Business As". Other codes may be applicable.
			PE	Payee
			PR	Payer
				See 1/N1/100 note.
Must Use	NM102	1065	Entity Type Qualifier	M ID 1/1
			Code qualifying the type of entity	
			1	Person
			2	Non-Person Entity
	NM103	1035	Name Last or Organization Name	O AN 1/35
			Individual last name or organizational name	
	NM104	1036	Name First	O AN 1/25
			Individual first name	
			<i>Use if appropriate.</i>	
	NM105	1037	Name Middle	O AN 1/25
			Individual middle name or initial	
			<i>Use if appropriate.</i>	
Not Used	NM106	1038	Name Prefix	O AN 1/10
			Prefix to individual name	

811 Credit Card Invoice

Not Used	NM107	1039	Name Suffix Suffix to individual name	O	AN 1/10
Not Used	NM108	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	X	ID 1/2
Not Used	NM109	67	Identification Code Code identifying a party or other code	X	AN 2/20
Not Used	NM110	706	Entity Relationship Code Code describing entity relationship	X	ID 2/2
Not Used	NM111	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	O	ID 2/3

Segment: **N2** Additional Name Information
Position: 120
Loop: NM1 Optional
Level: Detail:
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes: *Use only if insufficient space in 2/NM1/110.*

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	N201	93 Name Free-form name	M AN 1/60
	N202	93 Name Free-form name	O AN 1/60

Segment: **N3** Address Information
Position: 130
Loop: NM1 Optional
Level: Detail:
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	N301	166	Address Information	M AN 1/55
			Address information	
Not Used	N302	166	Address Information	O AN 1/55
			Address information	

Segment: **N4 Geographic Location**
Position: 140
Loop: NM1 Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name	O AN 2/30
		Free-form text for city name	
N402	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
N403	116	Postal Code	O ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
N404	26	Country Code	O ID 2/3
		Code identifying the country	
N405	309	Location Qualifier	X ID 1/2
		Code identifying type of location	
		<i>Use if required.</i>	
		Refer to 003072 Data Element Dictionary for acceptable code values.	
N406	310	Location Identifier	O AN 1/30
		Code which identifies a specific location	
		<i>Use if required.</i>	

Segment:	REF Reference Identification
Position:	150
Loop:	NM1 Optional
Level:	Detail:
Usage:	Optional
Max Use:	2
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	<i>There is a need to increase the maximum allowable iterations of REF (currently 2).</i>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			9Y Bank Assigned Bankers Reference Number	
			Use in HL01 loops.	
			BF Billing Center Identification	
			Use in HL02-06 loops.	
			IJ Standard Industry Classification (SIC) Code	
			MCC Merchant Category Code	
			DMR required to establish this code value.	
			SY Social Security Number	
			TJ Federal Taxpayer's Identification Number	
			VR Vendor ID Number	
			Use for Merchant ID.	
	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			<i>When HL03 is code "1", use for issuing entity ID. When HL03 is "2" to "6", use for agency or level.</i>	
	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	REF04	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Not Used	C04001	128	Reference Identification Qualifier	M ID 2/3

811 Credit Card Invoice

			Code qualifying the Reference Identification		
Not Used	C04002	127	Reference Identification	M	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04003	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04004	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04005	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: **IT1** **Baseline Item Data (Invoice)**
Position: 210
Loop: IT1 Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Syntax Notes:

- 1 If any of IT102 IT103 or IT104 is present, then all are required.
- 2 If either IT106 or IT107 is present, then the other is required.
- 3 If either IT108 or IT109 is present, then the other is required.
- 4 If either IT110 or IT111 is present, then the other is required.
- 5 If either IT112 or IT113 is present, then the other is required.
- 6 If either IT114 or IT115 is present, then the other is required.
- 7 If either IT116 or IT117 is present, then the other is required.
- 8 If either IT118 or IT119 is present, then the other is required.
- 9 If either IT120 or IT121 is present, then the other is required.
- 10 If either IT122 or IT123 is present, then the other is required.
- 11 If either IT124 or IT125 is present, then the other is required.

Semantic Notes: 1 IT101 is the purchase order line item identification.
Comments: 1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
 2 IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
IT101	350	Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
IT102	358	Quantity Invoiced	X R 1/10
		Number of units invoiced (supplier units)	
IT103	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 003072 Data Element Dictionary for acceptable code values.	
IT104	212	Unit Price	X R 1/17
		Price per unit of product, service, commodity, etc.	
IT105	639	Basis of Unit Price Code	O ID 2/2
		Code identifying the type of unit price for an item	
		Refer to 003072 Data Element Dictionary for acceptable code values.	
IT106	235	Product/Service ID Qualifier	X ID 2/2

		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
IT107	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
IT108	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
IT109	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
IT110	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
IT111	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
IT112	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
IT113	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
IT114	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
IT115	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
IT116	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
IT117	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
IT118	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
IT119	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
IT120	235	Product/Service ID Qualifier	X	ID 2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)

Refer to 003072 Data Element Dictionary for acceptable code values.

IT121 234 Product/Service ID X AN 1/48

Identifying number for a product or service

IT122 235 Product/Service ID Qualifier X ID 2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)

Refer to 003072 Data Element Dictionary for acceptable code values.

IT123 234 Product/Service ID X AN 1/48

Identifying number for a product or service

IT124 235 Product/Service ID Qualifier X ID 2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)

Refer to 003072 Data Element Dictionary for acceptable code values.

IT125 234 Product/Service ID X AN 1/48

Identifying number for a product or service

Segment:	PID Product/Item Description
Position:	230
Loop:	IT1 Optional
Level:	Detail:
Usage:	Optional
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	<ol style="list-style-type: none"> 1 If PID04 is present, then PID03 is required. 2 At least one of PID04 or PID05 is required. 3 If PID07 is present, then PID03 is required. 4 If PID08 is present, then PID03 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 Use PID03 to indicate the organization that publishes the code list being referred to. 2 PID04 should be used for industry-specific product description codes. 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate. 4 PID09 is used to identify the language being used in PID05.
Comments:	<ol style="list-style-type: none"> 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used. 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment. 3 PID07 specifies the individual code list of the agency specified in PID03.

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	PID01	349 Item Description Type Code indicating the format of a description F Free-form	M ID 1/1
Not Used	PID02	750 Product/Process Characteristic Code Code identifying the general class of a product or process characteristic	O ID 2/3
Not Used	PID03	559 Agency Qualifier Code Code identifying the agency assigning the code values	X ID 2/2
Not Used	PID04	751 Product Description Code A code from an industry code list which provides specific data about a product characteristic	X AN 1/12
	PID05	352 Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	PID06	752 Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described	O ID 2/2
Not Used	PID07	822 Source Subqualifier	O AN 1/15

811 Credit Card Invoice

A reference that indicates the table or text maintained by the Source Qualifier

Not Used	PID08	1073	Yes/No Condition or Response Code	O	ID 1/1
----------	-------	------	--	---	--------

Code indicating a Yes or No condition or response

Not Used	PID09	819	Language Code	O	ID 2/3
----------	-------	-----	----------------------	---	--------

Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

Segment: TXI Tax Information**Position:** 250**Loop:** IT1 Optional**Level:** Detail:**Usage:** Optional**Max Use:** >1**Purpose:** To specify tax information

- Syntax Notes:**
- 1 At least one of TXI02 TXI03 or TXI06 is required.
 - 2 If either TXI04 or TXI05 is present, then the other is required.
 - 3 If TXI08 is present, then TXI03 is required.

- Semantic Notes:**
- 1 TXI02 is the monetary amount of the tax.
 - 2 TXI03 is the tax percent expressed as a decimal.
 - 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	TXI01	963	Tax Type Code	M ID 2/2
			Code specifying the type of tax	
			<i>Discussion is needed on tax types.</i>	
			FD Federal Tax	
			LS State and Local Sales Tax	
			TX All Taxes	
			VA Value Added Tax	
	TXI02	782	Monetary Amount	X R 1/18
			Monetary amount	
	TXI03	954	Percent	X R 1/10
			Percentage expressed as a decimal	
Not Used	TXI04	955	Tax Jurisdiction Code Qualifier	X ID 2/2
			Code identifying the source of the data used in tax jurisdiction code	
Not Used	TXI05	956	Tax Jurisdiction Code	X AN 1/10
			Code identifying the taxing jurisdiction	
	TXI06	441	Tax Exempt Code	X ID 1/1
			Code identifying exemption status from sales and use tax	
			<i>Use may not be needed.</i>	
			1 Yes (Tax Exempt)	
			2 No (Not Tax Exempt)	
Not Used	TXI07	662	Relationship Code	O ID 1/1
			Code indicating the relationship between entities	
Not Used	TXI08	828	Dollar Basis For Percent	O R 1/9

811 Credit Card Invoice

			Dollar basis to be used in the percent calculation of the allowance, charge or tax	
Not Used	TXI09	325	Tax Identification Number	O AN 1/20
			Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number	
Not Used	TXI10	350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	

Segment: **REF** **Reference Identification**
Position: 260
Loop: IT1 Optional
Level: Detail:
Usage: Optional
Max Use: 8
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			BB Authorization Number	
			CA Cost Allocation Reference	
			Issuer Added Value.	
			CR Customer Reference Number	
			Number entered at point of sale.	
			ITC Issuer Transaction Code	
			DMR required to establish this code value.	
			PO Purchase Order Number	
			TN Transaction Reference Number	
			TT Terminal Code	
			VP Vendor Product Number	
			Merchant Order Number	
	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	REF04	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Not Used	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04002	127	Reference Identification	M AN 1/30

811 Credit Card Invoice

			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04003	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04004	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04005	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: **DTM** Date/Time Reference

Position: 270

Loop: IT1 Optional

Level: Detail:

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time Refer to 003072 Data Element Dictionary for acceptable code values.	
	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	
	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 003072 Data Element Dictionary for acceptable code values.	
	DTM05	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format Refer to 003072 Data Element Dictionary for acceptable code values.	
	DTM06	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment: **AMT** Monetary Amount
Position: 285
Loop: AMT Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:
Notes: *Note there is no AMT loop (with AMT-CUR) at this position in 3072; there is an AMT segment in the IT1 loop at position 285, but no CUR at 287.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount D8 Discount Amount PB Billed Amount Billed amount, i.e., total submitted charges in US Dollars. T3 Total Submitted Charges Total submitted charges in currency of merchant.	M ID 1/3
Must Use	AMT02	782	Monetary Amount Monetary amount	M R 1/18
	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit Refer to 003072 Data Element Dictionary for acceptable code values.	O ID 1/1

Segment:	CUR Currency
Position:	287
Loop:	AMT Optional
Level:	Detail:
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:	<ol style="list-style-type: none"> 1 If CUR08 is present, then CUR07 is required. 2 If CUR09 is present, then CUR07 is required. 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required. 4 If CUR11 is present, then CUR10 is required. 5 If CUR12 is present, then CUR10 is required. 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required. 7 If CUR14 is present, then CUR13 is required. 8 If CUR15 is present, then CUR13 is required. 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required. 10 If CUR17 is present, then CUR16 is required. 11 If CUR18 is present, then CUR16 is required. 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required. 13 If CUR20 is present, then CUR19 is required. 14 If CUR21 is present, then CUR19 is required.
Semantic Notes:	
Comments:	1 See Figures Appendix for examples detailing the use of the CUR segment.

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
Must Use	CUR01	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			SE Selling Party	
Must Use	CUR02	100	Currency Code	M ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	
	CUR03	280	Exchange Rate	O R 4/10
			Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	
Not Used	CUR04	98	Entity Identifier Code	O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
Not Used	CUR05	100	Currency Code	O ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	
Not Used	CUR06	669	Currency Market/Exchange Code	O ID 3/3

811 Credit Card Invoice

			Code identifying the market upon which the currency exchange rate is based		
Not Used	CUR07	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	CUR08	373	Date	O	DT 8/8
			Date expressed as CCYYMMDD		
Not Used	CUR09	337	Time	O	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	CUR10	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	CUR11	373	Date	X	DT 8/8
			Date expressed as CCYYMMDD		
Not Used	CUR12	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	CUR13	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	CUR14	373	Date	X	DT 8/8
			Date expressed as CCYYMMDD		
Not Used	CUR15	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	CUR16	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	CUR17	373	Date	X	DT 8/8
			Date expressed as CCYYMMDD		
Not Used	CUR18	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	CUR19	374	Date/Time Qualifier	X	ID 3/3

811 Credit Card Invoice

			Code specifying type of date or time, or both date and time	
Not Used	CUR20	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
Not Used	CUR21	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	

Segment: **QTY** Quantity
Position: 290
Loop: QTY Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: 1 At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	Quantity Qualifier Code specifying the type of quantity Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 2/2
	QTY02	380	Quantity Numeric value of quantity	X R 1/15
	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 2/2
	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003072 Data Element Dictionary for acceptable code values.	O ID 2/2
	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2

811 Credit Card Invoice

Refer to 003072 Data Element Dictionary for acceptable code values.				
C00108	1018	Exponent	O	R 1/15
Power to which a unit is raised				
C00109	649	Multiplier	O	R 1/10
Value to be used as a multiplier to obtain a new value				
C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
Refer to 003072 Data Element Dictionary for acceptable code values.				
C00111	1018	Exponent	O	R 1/15
Power to which a unit is raised				
C00112	649	Multiplier	O	R 1/10
Value to be used as a multiplier to obtain a new value				
C00113	355	Unit or Basis for Measurement Code	O	ID 2/2
Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
Refer to 003072 Data Element Dictionary for acceptable code values.				
C00114	1018	Exponent	O	R 1/15
Power to which a unit is raised				
C00115	649	Multiplier	O	R 1/10
Value to be used as a multiplier to obtain a new value				
QTY04	61	Free-Form Message	X	AN 1/30
Free-form information				

Segment: SI Service Characteristic Identification**Position:** 300**Loop:** QTY Optional**Level:** Detail:**Usage:** Optional**Max Use:** 1**Purpose:** To specify service characteristic data

Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:**Comments:** 1 SI01 defines the source for each of the service characteristics qualifiers.**Data Element Summary**

	Ref.	Data		
	Des.	Element	Name	Attributes
Must Use	SI01	559	Agency Qualifier Code	M ID 2/2
			Code identifying the agency assigning the code values	
			Refer to 003072 Data Element Dictionary for acceptable code values.	
Must Use	SI02	1000	Service Characteristics Qualifier	M AN 2/2
			Code from an industry code list qualifying the type of service characteristics	
Must Use	SI03	234	Product/Service ID	M AN 1/48
			Identifying number for a product or service	
	SI04	1000	Service Characteristics Qualifier	X AN 2/2
			Code from an industry code list qualifying the type of service characteristics	
	SI05	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
	SI06	1000	Service Characteristics Qualifier	X AN 2/2
			Code from an industry code list qualifying the type of service characteristics	
	SI07	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
	SI08	1000	Service Characteristics Qualifier	X AN 2/2
			Code from an industry code list qualifying the type of service characteristics	

811 Credit Card Invoice

SI09	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI11	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48

Segment:	ITA Allowance, Charge or Service
Position:	310
Loop:	ITA Optional
Level:	Detail:
Usage:	Optional
Max Use:	1
Purpose:	To specify allowances, charges, or services
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required. 2 If ITA08 is present, then ITA09 is required. 3 If either ITA10 or ITA11 is present, then the other is required. 4 If ITA15 is present, then ITA02 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ITA09 is the allowance or charge percent. 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. 3 ITA12 is the quantity of free goods.
Comments:	<ol style="list-style-type: none"> 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present. 2 ITA02 identifies the source of the code value in ITA03 or ITA15. 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence. 4 ITA13 is used to clarify the allowance, charge, or service. 5 ITA15 specifies the individual code list of the agency specified in ITA02. 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.
Notes:	<i>Shipping and Handling could be handled here for entire transaction,</i>

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Attributes</u>
Must Use	ITA01	248	Allowance or Charge Indicator	M ID 1/1
			Code which indicates an allowance or charge for the service specified	
			C Charge	
Not Used	ITA02	559	Agency Qualifier Code	X ID 2/2
			Code identifying the agency assigning the code values	
Not Used	ITA03	560	Special Services Code	X ID 2/10
			Code identifying the special service	
Must Use	ITA04	331	Allowance or Charge Method of Handling Code	M ID 2/2
			Code indicating method of handling for an allowance or charge	
			<i>Use appropriate code, e.g., "06", Charge to be paid by customer.</i>	
			Refer to 003072 Data Element Dictionary for acceptable code values.	
Not Used	ITA05	341	Allowance or Charge Number	O AN 1/16
			The number assigned by a vendor referencing an allowance, promotion, deal or charge	
	ITA06	359	Allowance or Charge Rate	O R 1/15
			Allowance or Charge Rate per Unit	

811 Credit Card Invoice

	ITA07	360	Allowance or Charge Total Amount	O	N2 1/15
			Total dollar amount for the allowance or charge		
Not Used	ITA08	378	Allowance/Charge Percent Qualifier	O	ID 1/1
			Code indicating on what basis allowance or charge percent is calculated		
Not Used	ITA09	332	Percent	X	R 1/6
			Percent expressed as a percent		
Not Used	ITA10	380	Quantity	X	R 1/15
			Numeric value of quantity		
Not Used	ITA11	355	Unit or Basis for Measurement Code	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	ITA12	380	Quantity	O	R 1/15
			Numeric value of quantity		
Not Used	ITA13	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
	ITA14	150	Special Charge or Allowance Code	X	ID 3/3
			Code identifying type of special charge or allowance		
			EIC Export/Import Charge		
			SAB Shipping and Handling		
Not Used	ITA15	822	Source Subqualifier	O	AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier		
Not Used	ITA16	662	Relationship Code	O	ID 1/1
			Code indicating the relationship between entities		

Segment:	SLN Subline Item Detail
Position:	390
Loop:	SLN Optional
Level:	Detail:
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data
Syntax Notes:	<ol style="list-style-type: none"> 1 If either SLN04 or SLN05 is present, then the other is required. 2 If SLN07 is present, then SLN06 is required. 3 If SLN08 is present, then SLN06 is required. 4 If either SLN09 or SLN10 is present, then the other is required. 5 If either SLN11 or SLN12 is present, then the other is required. 6 If either SLN13 or SLN14 is present, then the other is required. 7 If either SLN15 or SLN16 is present, then the other is required. 8 If either SLN17 or SLN18 is present, then the other is required. 9 If either SLN19 or SLN20 is present, then the other is required. 10 If either SLN21 or SLN22 is present, then the other is required. 11 If either SLN23 or SLN24 is present, then the other is required. 12 If either SLN25 or SLN26 is present, then the other is required. 13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 SLN01 is the identifying number for the subline item. 2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials. 3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item. 4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	<ol style="list-style-type: none"> 1 See the Data Element Dictionary for a complete list of IDs. 2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1. 3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	<ol style="list-style-type: none"> 1. One occurrence of the SLN loop is required for each type of purchase, e.g., 10 boxes of pencils at \$1.87. 2. It is the group's intention to evaluate line item detail elements from each card company for potential inclusion into the SLN segment. One example would be "Airline Ticket Number". 3. Issue: Could we use SLN01 and SLN02 to identify that the SLN occurrence is airline, travel, Pcard, etc., and provide a template? 4. If we need "Shipping and Handling", "Duty", and "Sales Tax" associated with a single line item, then the information must be within ITA and TXI within that SLN loop. Otherwise, the information could be in ITA/180 and TXI/250 and

represent the entire transaction in HL08. If the entire transaction is going to a single zip-to and from a single zip-from location, this information could be at level HL08.

Data Element Summary				
	Ref.	Data	Name	Attributes
	Des.	Element		
Must Use	SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	M AN 1/20
	SLN02	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
Must Use	SLN03	662	Relationship Code Code indicating the relationship between entities I Included	M ID 1/1
	SLN04	380	Quantity Numeric value of quantity	X R 1/15
	SLN05	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>Trading Partner Agreement would specify if unit price is in US\$ or merchant's currency.</i> Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	Exponent	O R 1/15

811 Credit Card Invoice

			Power to which a unit is raised		
Not Used	C00109	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00111	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00114	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
	SLN06	212	Unit Price	X	R 1/17
			Price per unit of product, service, commodity, etc.		
Not Used	SLN07	639	Basis of Unit Price Code	O	ID 2/2
			Code identifying the type of unit price for an item		
Not Used	SLN08	662	Relationship Code	O	ID 1/1
			Code indicating the relationship between entities		
Not Used	SLN09	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN10	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN11	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN12	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN13	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN14	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN15	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		

811 Credit Card Invoice

Not Used	SLN16	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	SLN17	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	SLN18	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	SLN19	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	SLN20	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	SLN21	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	SLN22	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	SLN23	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	SLN24	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	SLN25	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	SLN26	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	SLN27	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	SLN28	234	Product/Service ID Identifying number for a product or service	X	AN 1/48

Segment:	PID Product/Item Description
Position:	410
Loop:	SLN Optional
Level:	Detail:
Usage:	Optional
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	<ol style="list-style-type: none"> 1 If PID04 is present, then PID03 is required. 2 At least one of PID04 or PID05 is required. 3 If PID07 is present, then PID03 is required. 4 If PID08 is present, then PID03 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 Use PID03 to indicate the organization that publishes the code list being referred to. 2 PID04 should be used for industry-specific product description codes. 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate. 4 PID09 is used to identify the language being used in PID05.
Comments:	<ol style="list-style-type: none"> 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used. 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment. 3 PID07 specifies the individual code list of the agency specified in PID03.

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	PID01	349 Item Description Type Code indicating the format of a description F Free-form	M ID 1/1
Not Used	PID02	750 Product/Process Characteristic Code Code identifying the general class of a product or process characteristic	O ID 2/3
Not Used	PID03	559 Agency Qualifier Code Code identifying the agency assigning the code values	X ID 2/2
Not Used	PID04	751 Product Description Code A code from an industry code list which provides specific data about a product characteristic	X AN 1/12
	PID05	352 Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	PID06	752 Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described	O ID 2/2
Not Used	PID07	822 Source Subqualifier	O AN 1/15

811 Credit Card Invoice

A reference that indicates the table or text maintained by the Source Qualifier

Not Used	PID08	1073	Yes/No Condition or Response Code	O	ID 1/1
-----------------	--------------	-------------	--	----------	---------------

Code indicating a Yes or No condition or response

Not Used	PID09	819	Language Code	O	ID 2/3
-----------------	--------------	------------	----------------------	----------	---------------

Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

Segment:	ITA Allowance, Charge or Service
Position:	440
Loop:	SLN Optional
Level:	Detail:
Usage:	Optional
Max Use:	10
Purpose:	To specify allowances, charges, or services
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required. 2 If ITA08 is present, then ITA09 is required. 3 If either ITA10 or ITA11 is present, then the other is required. 4 If ITA15 is present, then ITA02 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ITA09 is the allowance or charge percent. 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. 3 ITA12 is the quantity of free goods.
Comments:	<ol style="list-style-type: none"> 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present. 2 ITA02 identifies the source of the code value in ITA03 or ITA15. 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence. 4 ITA13 is used to clarify the allowance, charge, or service. 5 ITA15 specifies the individual code list of the agency specified in ITA02. 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ITA01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified C Charge	M ID 1/1
Not Used	ITA02	559	Agency Qualifier Code Code identifying the agency assigning the code values	X ID 2/2
Not Used	ITA03	560	Special Services Code Code identifying the special service	X ID 2/10
Must Use	ITA04	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge <i>Use appropriate code, e.g., "06", Charge to be paid by customer.</i> Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 2/2
Not Used	ITA05	341	Allowance or Charge Number The number assigned by a vendor referencing an allowance, promotion, deal or charge	O AN 1/16
	ITA06	359	Allowance or Charge Rate Allowance or Charge Rate per Unit	O R 1/15

811 Credit Card Invoice

	ITA07	360	Allowance or Charge Total Amount	O	N2 1/15
			Total dollar amount for the allowance or charge		
Not Used	ITA08	378	Allowance/Charge Percent Qualifier	O	ID 1/1
			Code indicating on what basis allowance or charge percent is calculated		
Not Used	ITA09	332	Percent	X	R 1/6
			Percent expressed as a percent		
Not Used	ITA10	380	Quantity	X	R 1/15
			Numeric value of quantity		
Not Used	ITA11	355	Unit or Basis for Measurement Code	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	ITA12	380	Quantity	O	R 1/15
			Numeric value of quantity		
Not Used	ITA13	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
	ITA14	150	Special Charge or Allowance Code	X	ID 3/3
			Code identifying type of special charge or allowance		
			EIC Export/Import Charge		
			SAB Shipping and Handling		
Not Used	ITA15	822	Source Subqualifier	O	AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier		
Not Used	ITA16	662	Relationship Code	O	ID 1/1
			Code indicating the relationship between entities		

Segment: TXI Tax Information**Position:** 450**Loop:** SLN Optional**Level:** Detail:**Usage:** Optional**Max Use:** >1**Purpose:** To specify tax information

Syntax Notes:

- 1 At least one of TXI02 TXI03 or TXI06 is required.
- 2 If either TXI04 or TXI05 is present, then the other is required.
- 3 If TXI08 is present, then TXI03 is required.

Semantic Notes:

- 1 TXI02 is the monetary amount of the tax.
- 2 TXI03 is the tax percent expressed as a decimal.
- 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	TXI01	963	Tax Type Code	M ID 2/2
			Code specifying the type of tax	
			<i>Other qualifiers in addition to LS may be required.</i>	
			LS State and Local Sales Tax	
	TXI02	782	Monetary Amount	X R 1/18
			Monetary amount	
	TXI03	954	Percent	X R 1/10
			Percentage expressed as a decimal	
Not Used	TXI04	955	Tax Jurisdiction Code Qualifier	X ID 2/2
			Code identifying the source of the data used in tax jurisdiction code	
Not Used	TXI05	956	Tax Jurisdiction Code	X AN 1/10
			Code identifying the taxing jurisdiction	
	TXI06	441	Tax Exempt Code	X ID 1/1
			Code identifying exemption status from sales and use tax	
			1 Yes (Tax Exempt)	
			2 No (Not Tax Exempt)	
Not Used	TXI07	662	Relationship Code	O ID 1/1
			Code indicating the relationship between entities	
Not Used	TXI08	828	Dollar Basis For Percent	O R 1/9
			Dollar basis to be used in the percent calculation of the allowance, charge or tax	
Not Used	TXI09	325	Tax Identification Number	O AN 1/20
			Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction	

811 Credit Card Invoice

(state, county, etc.); often called a tax exemption number or certificate number

Not Used	TXI10	350	Assigned Identification	O	AN 1/20
Alphanumeric characters assigned for differentiation within a transaction set					

Segment: **REF** **Reference Identification**
Position: 460
Loop: SLN Optional
Level: Detail:
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification CR Customer Reference Number	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as	X AN 1/30

specified by the Reference Identification Qualifier

Segment: **DTM** Date/Time Reference

Position: 480

Loop: SLN Optional

Level: Detail:

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			011 Shipped	
	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
Not Used	DTM03	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
Not Used	DTM05	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	
Not Used	DTM06	1251	Date Time Period	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

811 Credit Card Invoice

Segment: **AMT** Monetary Amount
Position: 490
Loop: SLN Optional
Level: Detail:
Usage: Optional
Max Use: 15
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount GV Gross Value Use for Gross Amount (net dollars plus tax and freight. Negative Amount = Purchase return.	M ID 1/3
Must Use	AMT02	782	Monetary Amount Monetary amount	M R 1/18
Not Used	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit	O ID 1/1

Segment: **NM1** Individual or Organizational Name
Position: 530
Loop: NM1 Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To supply the full name of an individual or organizational entity
Syntax Notes: 1 If either NM108 or NM109 is present, then the other is required.
2 If NM111 is present, then NM110 is required.
Semantic Notes: 1 NM102 qualifies NM103.
Comments: 1 NM110 and NM111 further define the type of entity in NM101.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	NM101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual SF Ship From ST Ship To	M ID 2/3
Must Use	NM102	1065	Entity Type Qualifier Code qualifying the type of entity Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 1/1
	NM103	1035	Name Last or Organization Name Individual last name or organizational name	O AN 1/35
Not Used	NM104	1036	Name First Individual first name	O AN 1/25
Not Used	NM105	1037	Name Middle Individual middle name or initial	O AN 1/25
Not Used	NM106	1038	Name Prefix Prefix to individual name	O AN 1/10
Not Used	NM107	1039	Name Suffix Suffix to individual name	O AN 1/10
Not Used	NM108	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	X ID 1/2
Not Used	NM109	67	Identification Code Code identifying a party or other code	X AN 2/20
Not Used	NM110	706	Entity Relationship Code Code describing entity relationship	X ID 2/2
Not Used	NM111	98	Entity Identifier Code	O ID 2/3

811 Credit Card Invoice

Code identifying an organizational entity, a physical location, property or an individual

Segment: **N4 Geographic Location**
Position: 560
Loop: NM1 Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Not Used	N401	19	City Name Free-form text for city name	O AN 2/30
Not Used	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
	N404	26	Country Code Code identifying the country	O ID 2/3
Not Used	N405	309	Location Qualifier Code identifying type of location	X ID 1/2
Not Used	N406	310	Location Identifier Code which identifies a specific location	O AN 1/30

Segment:	TCD Itemized Call Detail
Position:	590
Loop:	TCD Optional
Level:	Detail:
Usage:	Optional
Max Use:	1
Purpose:	To specify detail information for itemized calls
Syntax Notes:	<ol style="list-style-type: none"> 1 If either TCD04 or TCD05 is present, then the other is required. 2 If either TCD07 or TCD08 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 TCD12 is an undiscounted amount. 2 TCD13 is a net amount after the discount has been applied to the amount in TCD12. 3 TCD14 is an undiscounted amount. 4 TCD15 is a net amount after the discount has been applied to the amount in TCD14. 5 TCD16 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	<ol style="list-style-type: none"> 1 TCD01 is the detail information. 2 TCD02 is the date of the call. 3 TCD03 is the connect time of the call. 4 TCD04, TCD05, and TCD06 are the 'to' location of the call. 5 TCD07, TCD08, and TCD09 are the 'from' location of the call. 6 TCD10 and TCD11 are the total duration of the call. TCD10 is the time measured in minutes or minutes and tenths of minutes. TCD11 is time measured in seconds or seconds and tenths of seconds.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element Name</u>	
TCD01	350 Assigned Identification	O AN 1/20
	Alphanumeric characters assigned for differentiation within a transaction set	
TCD02	373 Date	O DT 8/8
	Date expressed as CCYYMMDD	
TCD03	337 Time	O TM 4/8
	Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
TCD04	309 Location Qualifier	X ID 1/2
	Code identifying type of location	
	Refer to 003072 Data Element Dictionary for acceptable code values.	
TCD05	310 Location Identifier	X AN 1/30

811 Credit Card Invoice

		Code which identifies a specific location		
TCD06	156	State or Province Code	O	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
TCD07	309	Location Qualifier	X	ID 1/2
		Code identifying type of location		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
TCD08	310	Location Identifier	X	AN 1/30
		Code which identifies a specific location		
TCD09	156	State or Province Code	O	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
TCD10	739	Measurement Value	O	R 1/20
		The value of the measurement		
TCD11	739	Measurement Value	O	R 1/20
		The value of the measurement		
TCD12	782	Monetary Amount	O	R 1/18
		Monetary amount		
TCD13	782	Monetary Amount	O	R 1/18
		Monetary amount		
TCD14	782	Monetary Amount	O	R 1/18
		Monetary amount		
TCD15	782	Monetary Amount	O	R 1/18
		Monetary amount		
TCD16	662	Relationship Code	O	ID 1/1
		Code indicating the relationship between entities		
		Refer to 003072 Data Element Dictionary for acceptable code values.		

Segment: **SI** **Service Characteristic Identification**

Position: 600

Loop: TCD Optional

Level: Detail:

Usage: Optional

Max Use: 2

Purpose: To specify service characteristic data

Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 SI01 defines the source for each of the service characteristics qualifiers.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	SI01	559 Agency Qualifier Code Code identifying the agency assigning the code values Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 2/2
Must Use	SI02	1000 Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	M AN 2/2
Must Use	SI03	234 Product/Service ID Identifying number for a product or service	M AN 1/48
	SI04	1000 Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2
	SI05	234 Product/Service ID Identifying number for a product or service	X AN 1/48
	SI06	1000 Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2
	SI07	234 Product/Service ID Identifying number for a product or service	X AN 1/48
	SI08	1000 Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2

811 Credit Card Invoice

SI09	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI11	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48

Segment: TXI Tax Information**Position:** 610**Loop:** TCD Optional**Level:** Detail:**Usage:** Optional**Max Use:** >1**Purpose:** To specify tax information

Syntax Notes:

- 1 At least one of TXI02 TXI03 or TXI06 is required.
- 2 If either TXI04 or TXI05 is present, then the other is required.
- 3 If TXI08 is present, then TXI03 is required.

Semantic Notes:

- 1 TXI02 is the monetary amount of the tax.
- 2 TXI03 is the tax percent expressed as a decimal.
- 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	
Must Use	TXI01	963 Tax Type Code	M ID 2/2
		Code specifying the type of tax	
		Refer to 003072 Data Element Dictionary for acceptable code values.	
	TXI02	782 Monetary Amount	X R 1/18
		Monetary amount	
	TXI03	954 Percent	X R 1/10
		Percentage expressed as a decimal	
	TXI04	955 Tax Jurisdiction Code Qualifier	X ID 2/2
		Code identifying the source of the data used in tax jurisdiction code	
		Refer to 003072 Data Element Dictionary for acceptable code values.	
	TXI05	956 Tax Jurisdiction Code	X AN 1/10
		Code identifying the taxing jurisdiction	
	TXI06	441 Tax Exempt Code	X ID 1/1
		Code identifying exemption status from sales and use tax	
		Refer to 003072 Data Element Dictionary for acceptable code values.	
	TXI07	662 Relationship Code	O ID 1/1
		Code indicating the relationship between entities	
		Refer to 003072 Data Element Dictionary for acceptable code values.	
	TXI08	828 Dollar Basis For Percent	O R 1/9
		Dollar basis to be used in the percent calculation of the allowance, charge or tax	
	TXI09	325 Tax Identification Number	O AN 1/20
		Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction	

811 Credit Card Invoice

(state, county, etc.); often called a tax exemption number or certificate number

TXI10	350	Assigned Identification	O	AN 1/20
Alphanumeric characters assigned for differentiation within a transaction set				

Segment:	ITA Allowance, Charge or Service
Position:	615
Loop:	TCD Optional
Level:	Detail:
Usage:	Optional
Max Use:	>1
Purpose:	To specify allowances, charges, or services
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required. 2 If ITA08 is present, then ITA09 is required. 3 If either ITA10 or ITA11 is present, then the other is required. 4 If ITA15 is present, then ITA02 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ITA09 is the allowance or charge percent. 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. 3 ITA12 is the quantity of free goods.
Comments:	<ol style="list-style-type: none"> 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present. 2 ITA02 identifies the source of the code value in ITA03 or ITA15. 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence. 4 ITA13 is used to clarify the allowance, charge, or service. 5 ITA15 specifies the individual code list of the agency specified in ITA02. 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ITA01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 1/1
	ITA02	559	Agency Qualifier Code Code identifying the agency assigning the code values Refer to 003072 Data Element Dictionary for acceptable code values.	X ID 2/2
	ITA03	560	Special Services Code Code identifying the special service Refer to 003072 Data Element Dictionary for acceptable code values.	X ID 2/10
Must Use	ITA04	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 2/2
	ITA05	341	Allowance or Charge Number The number assigned by a vendor referencing an allowance, promotion, deal or charge	O AN 1/16
	ITA06	359	Allowance or Charge Rate	O R 1/15

811 Credit Card Invoice

		Allowance or Charge Rate per Unit		
ITA07	360	Allowance or Charge Total Amount	O	N2 1/15
		Total dollar amount for the allowance or charge		
ITA08	378	Allowance/Charge Percent Qualifier	O	ID 1/1
		Code indicating on what basis allowance or charge percent is calculated		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
ITA09	332	Percent	X	R 1/6
		Percent expressed as a percent		
ITA10	380	Quantity	X	R 1/15
		Numeric value of quantity		
ITA11	355	Unit or Basis for Measurement Code	X	ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
ITA12	380	Quantity	O	R 1/15
		Numeric value of quantity		
ITA13	352	Description	X	AN 1/80
		A free-form description to clarify the related data elements and their content		
ITA14	150	Special Charge or Allowance Code	X	ID 3/3
		Code identifying type of special charge or allowance		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
ITA15	822	Source Subqualifier	O	AN 1/15
		A reference that indicates the table or text maintained by the Source Qualifier		
ITA16	662	Relationship Code	O	ID 1/1
		Code indicating the relationship between entities		
		Refer to 003072 Data Element Dictionary for acceptable code values.		

Segment: **QTY** Quantity
Position: 617
Loop: QTY Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: 1 At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	Quantity Qualifier Code specifying the type of quantity Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 2/2
	QTY02	380	Quantity Numeric value of quantity	X R 1/15
	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 2/2
	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003072 Data Element Dictionary for acceptable code values.	O ID 2/2
	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2

811 Credit Card Invoice

Refer to 003072 Data Element Dictionary for acceptable code values.				
C00108	1018	Exponent	O	R 1/15
Power to which a unit is raised				
C00109	649	Multiplier	O	R 1/10
Value to be used as a multiplier to obtain a new value				
C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
Refer to 003072 Data Element Dictionary for acceptable code values.				
C00111	1018	Exponent	O	R 1/15
Power to which a unit is raised				
C00112	649	Multiplier	O	R 1/10
Value to be used as a multiplier to obtain a new value				
C00113	355	Unit or Basis for Measurement Code	O	ID 2/2
Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
Refer to 003072 Data Element Dictionary for acceptable code values.				
C00114	1018	Exponent	O	R 1/15
Power to which a unit is raised				
C00115	649	Multiplier	O	R 1/10
Value to be used as a multiplier to obtain a new value				
QTY04	61	Free-Form Message	X	AN 1/30
Free-form information				

Segment: SI Service Characteristic Identification**Position:** 618**Loop:** QTY Optional**Level:** Detail:**Usage:** Optional**Max Use:** 1**Purpose:** To specify service characteristic data

Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:**Comments:** 1 SI01 defines the source for each of the service characteristics qualifiers.**Data Element Summary**

	Ref.	Data		
	Des.	Element	Name	Attributes
Must Use	SI01	559	Agency Qualifier Code	M ID 2/2
			Code identifying the agency assigning the code values	
			Refer to 003072 Data Element Dictionary for acceptable code values.	
Must Use	SI02	1000	Service Characteristics Qualifier	M AN 2/2
			Code from an industry code list qualifying the type of service characteristics	
Must Use	SI03	234	Product/Service ID	M AN 1/48
			Identifying number for a product or service	
	SI04	1000	Service Characteristics Qualifier	X AN 2/2
			Code from an industry code list qualifying the type of service characteristics	
	SI05	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
	SI06	1000	Service Characteristics Qualifier	X AN 2/2
			Code from an industry code list qualifying the type of service characteristics	
	SI07	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
	SI08	1000	Service Characteristics Qualifier	X AN 2/2
			Code from an industry code list qualifying the type of service characteristics	

811 Credit Card Invoice

SI09	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI11	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48

Segment: **III Information**
Position: 670
Loop: III Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To report information
Syntax Notes: 1 If either III01 or III02 is present, then the other is required.
2 If III03 is present, then at least one of III04 or III05 is required.
Semantic Notes: 1 III03 is used to categorize III04.
Comments:

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
III01	1270	Code List Qualifier Code	X ID 1/3
		Code identifying a specific industry code list	
		Refer to 003072 Data Element Dictionary for acceptable code values.	
III02	1271	Industry Code	X AN 1/30
		Code indicating a code from a specific industry code list	
III03	1136	Code Category	O ID 2/2
		Specifies the situation or category to which the code applies	
		Refer to 003072 Data Element Dictionary for acceptable code values.	
III04	933	Free-Form Message Text	X AN 1/264
		Free-form message text	
III05	380	Quantity	X R 1/15
		Numeric value of quantity	
III06	C001	Composite Unit of Measure	O
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355 Unit or Basis for Measurement Code	M ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 003072 Data Element Dictionary for acceptable code values.	
	C00102	1018 Exponent	O R 1/15
		Power to which a unit is raised	
	C00103	649 Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
	C00104	355 Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 003072 Data Element Dictionary for acceptable code values.	

C00105	1018	Exponent Power to which a unit is raised	O R 1/15
C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003072 Data Element Dictionary for acceptable code values.	O ID 2/2
C00108	1018	Exponent Power to which a unit is raised	O R 1/15
C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003072 Data Element Dictionary for acceptable code values.	O ID 2/2
C00111	1018	Exponent Power to which a unit is raised	O R 1/15
C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003072 Data Element Dictionary for acceptable code values.	O ID 2/2
C00114	1018	Exponent Power to which a unit is raised	O R 1/15
C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
III07	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described Refer to 003072 Data Element Dictionary for acceptable code values.	O ID 2/2
III08	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described Refer to 003072 Data Element Dictionary for acceptable code values.	O ID 2/2
III09	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described Refer to 003072 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **DTP** **Date or Time or Period**
Position: 680
Loop: III Optional
Level: Detail:
Usage: Optional
Max Use: 5
Purpose: To specify any or all of a date, a time, or a time period
Syntax Notes:
Semantic Notes: 1 DTP02 is the date or time or period format that will appear in DTP03.
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	DTP01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time Refer to 003072 Data Element Dictionary for acceptable code values.	
Must Use	DTP02	1250	Date Time Period Format Qualifier	M ID 2/3
			Code indicating the date format, time format, or date and time format Refer to 003072 Data Element Dictionary for acceptable code values.	
Must Use	DTP03	1251	Date Time Period	M AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

Segment: **AMT** Monetary Amount
Position: 690
Loop: III Optional
Level: Detail:
Usage: Optional
Max Use: 5
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 1/3
Must Use	AMT02	782	Monetary Amount Monetary amount	M R 1/18
	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit Refer to 003072 Data Element Dictionary for acceptable code values.	O ID 1/1

Segment: **PCT** Percent Amounts
Position: 700
Loop: III Optional
Level: Detail:
Usage: Optional
Max Use: 5
Purpose: To qualify percent amounts and supply percent amounts
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	PCT01	1004	Percent Qualifier	M ID 1/2
			Code to qualify percent	
			Refer to 003072 Data Element Dictionary for acceptable code values.	
Must Use	PCT02	954	Percent	M R 1/10
			Percentage expressed as a decimal	

Segment: **LQ** Industry Code
Position: 710
Loop: LQ Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
LQ01	1270	Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		Refer to 003072 Data Element Dictionary for acceptable code values.	
LQ02	1271	Industry Code	X AN 1/30
		Code indicating a code from a specific industry code list	

Segment: **AMT** Monetary Amount
Position: 720
Loop: LQ Optional
Level: Detail:
Usage: Optional
Max Use: 5
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	AMT01	522	Amount Qualifier Code	M ID 1/3
			Code to qualify amount	
			Refer to 003072 Data Element Dictionary for acceptable code values.	
Must Use	AMT02	782	Monetary Amount	M R 1/18
			Monetary amount	
	AMT03	478	Credit/Debit Flag Code	O ID 1/1
			Code indicating whether amount is a credit or debit	
			Refer to 003072 Data Element Dictionary for acceptable code values.	

Segment: **PCT** Percent Amounts
Position: 730
Loop: LQ Optional
Level: Detail:
Usage: Optional
Max Use: 5
Purpose: To qualify percent amounts and supply percent amounts
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	PCT01	1004	Percent Qualifier	M ID 1/2
			Code to qualify percent	
			Refer to 003072 Data Element Dictionary for acceptable code values.	
Must Use	PCT02	954	Percent	M R 1/10
			Percentage expressed as a decimal	

Segment: **TDS** Total Monetary Value Summary
Position: 010
Loop:
Level: Summary:
Usage: Mandatory
Max Use: 1
Purpose: To specify the total invoice discounts and amounts
Syntax Notes:
Semantic Notes:

- 1 TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
- 2 TDS02 indicates the amount upon which the terms discount amount is calculated.
- 3 TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
- 4 TDS04 indicates the total amount of terms discount.

Comments:

- 1 TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

Data Element Summary

	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	TDS01	610	Amount Monetary amount	M N2 1/15
	TDS02	610	Amount Monetary amount	O N2 1/15
	TDS03	610	Amount Monetary amount	O N2 1/15
	TDS04	610	Amount Monetary amount	O N2 1/15

Segment:	ITA Allowance, Charge or Service
Position:	020
Loop:	ITA Optional
Level:	Summary:
Usage:	Optional
Max Use:	1
Purpose:	To specify allowances, charges, or services
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required. 2 If ITA08 is present, then ITA09 is required. 3 If either ITA10 or ITA11 is present, then the other is required. 4 If ITA15 is present, then ITA02 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ITA09 is the allowance or charge percent. 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. 3 ITA12 is the quantity of free goods.
Comments:	<ol style="list-style-type: none"> 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present. 2 ITA02 identifies the source of the code value in ITA03 or ITA15. 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence. 4 ITA13 is used to clarify the allowance, charge, or service. 5 ITA15 specifies the individual code list of the agency specified in ITA02. 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ITA01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 1/1
	ITA02	559	Agency Qualifier Code Code identifying the agency assigning the code values Refer to 003072 Data Element Dictionary for acceptable code values.	X ID 2/2
	ITA03	560	Special Services Code Code identifying the special service Refer to 003072 Data Element Dictionary for acceptable code values.	X ID 2/10
Must Use	ITA04	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 2/2
	ITA05	341	Allowance or Charge Number The number assigned by a vendor referencing an allowance, promotion, deal or charge	O AN 1/16
	ITA06	359	Allowance or Charge Rate	O R 1/15

811 Credit Card Invoice

		Allowance or Charge Rate per Unit		
ITA07	360	Allowance or Charge Total Amount	O	N2 1/15
		Total dollar amount for the allowance or charge		
ITA08	378	Allowance/Charge Percent Qualifier	O	ID 1/1
		Code indicating on what basis allowance or charge percent is calculated		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
ITA09	332	Percent	X	R 1/6
		Percent expressed as a percent		
ITA10	380	Quantity	X	R 1/15
		Numeric value of quantity		
ITA11	355	Unit or Basis for Measurement Code	X	ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
ITA12	380	Quantity	O	R 1/15
		Numeric value of quantity		
ITA13	352	Description	X	AN 1/80
		A free-form description to clarify the related data elements and their content		
ITA14	150	Special Charge or Allowance Code	X	ID 3/3
		Code identifying type of special charge or allowance		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
ITA15	822	Source Subqualifier	O	AN 1/15
		A reference that indicates the table or text maintained by the Source Qualifier		
ITA16	662	Relationship Code	O	ID 1/1
		Code indicating the relationship between entities		
		Refer to 003072 Data Element Dictionary for acceptable code values.		

Segment: **DTM** Date/Time Reference

Position: 030

Loop: ITA Optional

Level: Summary:

Usage: Optional

Max Use: 1

Purpose: To specify pertinent dates and times

Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time Refer to 003072 Data Element Dictionary for acceptable code values.	
	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	
	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 003072 Data Element Dictionary for acceptable code values.	
	DTM05	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format Refer to 003072 Data Element Dictionary for acceptable code values.	
	DTM06	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment: **REF** **Reference Identification**
Position: 035
Loop: ITA Optional
Level: Summary:
Usage: Optional
Max Use: 5
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Must Use	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 2/3
Must Use	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 003072 Data Element Dictionary for acceptable code values.	X ID 2/3
	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3

811 Credit Card Invoice

Refer to 003072 Data Element Dictionary for acceptable code values.

C04006 **127** **Reference Identification** **X** **AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: **BAL** Balance Detail
Position: 040
Loop: BAL Optional
Level: Summary:
Usage: Optional
Max Use: 1
Purpose: To identify the specific monetary balances associated with a particular account
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	BAL01	951	Balance Type Code	M ID 1/2
			Code indicating the type of balance	
			Refer to 003072 Data Element Dictionary for acceptable code values.	
Must Use	BAL02	522	Amount Qualifier Code	M ID 1/3
			Code to qualify amount	
			Refer to 003072 Data Element Dictionary for acceptable code values.	
Must Use	BAL03	782	Monetary Amount	M R 1/18
			Monetary amount	

Segment: **DTM** Date/Time Reference

Position: 050

Loop: BAL Optional

Level: Summary:

Usage: Optional

Max Use: 1

Purpose: To specify pertinent dates and times

Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time Refer to 003072 Data Element Dictionary for acceptable code values.	
	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	
	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 003072 Data Element Dictionary for acceptable code values.	
	DTM05	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format Refer to 003072 Data Element Dictionary for acceptable code values.	
	DTM06	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment: **N1** Name
Position: 060
Loop: N1 Optional
Level: Summary:
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:

- 1 At least one of N102 or N103 is required.
- 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:
Comments:

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		Refer to 003072 Data Element Dictionary for acceptable code values.	
	N102	93 Name	X AN 1/60
		Free-form name	
	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		Refer to 003072 Data Element Dictionary for acceptable code values.	
	N104	67 Identification Code	X AN 2/20
		Code identifying a party or other code	
	N105	706 Entity Relationship Code	O ID 2/2
		Code describing entity relationship	
		Refer to 003072 Data Element Dictionary for acceptable code values.	
	N106	98 Entity Identifier Code	O ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		Refer to 003072 Data Element Dictionary for acceptable code values.	

Segment: **BAL** Balance Detail

Position: 070

Loop: BAL Optional

Level: Summary:

Usage: Optional

Max Use: 1

Purpose: To identify the specific monetary balances associated with a particular account

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BAL01	951	Balance Type Code	M ID 1/2
			Code indicating the type of balance	
			Refer to 003072 Data Element Dictionary for acceptable code values.	
Must Use	BAL02	522	Amount Qualifier Code	M ID 1/3
			Code to qualify amount	
			Refer to 003072 Data Element Dictionary for acceptable code values.	
Must Use	BAL03	782	Monetary Amount	M R 1/18
			Monetary amount	

Segment: **DTM** Date/Time Reference

Position: 080

Loop: BAL Optional

Level: Summary:

Usage: Optional

Max Use: 1

Purpose: To specify pertinent dates and times

Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time Refer to 003072 Data Element Dictionary for acceptable code values.	
	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	
	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 003072 Data Element Dictionary for acceptable code values.	
	DTM05	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format Refer to 003072 Data Element Dictionary for acceptable code values.	
	DTM06	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment:	ITA Allowance, Charge or Service
Position:	090
Loop:	ITA Optional
Level:	Summary:
Usage:	Optional
Max Use:	1
Purpose:	To specify allowances, charges, or services
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required. 2 If ITA08 is present, then ITA09 is required. 3 If either ITA10 or ITA11 is present, then the other is required. 4 If ITA15 is present, then ITA02 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ITA09 is the allowance or charge percent. 2 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. 3 ITA12 is the quantity of free goods.
Comments:	<ol style="list-style-type: none"> 1 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present. 2 ITA02 identifies the source of the code value in ITA03 or ITA15. 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence. 4 ITA13 is used to clarify the allowance, charge, or service. 5 ITA15 specifies the individual code list of the agency specified in ITA02. 6 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ITA01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 1/1
	ITA02	559	Agency Qualifier Code Code identifying the agency assigning the code values Refer to 003072 Data Element Dictionary for acceptable code values.	X ID 2/2
	ITA03	560	Special Services Code Code identifying the special service Refer to 003072 Data Element Dictionary for acceptable code values.	X ID 2/10
Must Use	ITA04	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 2/2
	ITA05	341	Allowance or Charge Number The number assigned by a vendor referencing an allowance, promotion, deal or charge	O AN 1/16
	ITA06	359	Allowance or Charge Rate	O R 1/15

811 Credit Card Invoice

		Allowance or Charge Rate per Unit		
ITA07	360	Allowance or Charge Total Amount	O	N2 1/15
		Total dollar amount for the allowance or charge		
ITA08	378	Allowance/Charge Percent Qualifier	O	ID 1/1
		Code indicating on what basis allowance or charge percent is calculated		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
ITA09	332	Percent	X	R 1/6
		Percent expressed as a percent		
ITA10	380	Quantity	X	R 1/15
		Numeric value of quantity		
ITA11	355	Unit or Basis for Measurement Code	X	ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
ITA12	380	Quantity	O	R 1/15
		Numeric value of quantity		
ITA13	352	Description	X	AN 1/80
		A free-form description to clarify the related data elements and their content		
ITA14	150	Special Charge or Allowance Code	X	ID 3/3
		Code identifying type of special charge or allowance		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
ITA15	822	Source Subqualifier	O	AN 1/15
		A reference that indicates the table or text maintained by the Source Qualifier		
ITA16	662	Relationship Code	O	ID 1/1
		Code indicating the relationship between entities		
		Refer to 003072 Data Element Dictionary for acceptable code values.		

Segment: **DTM** Date/Time Reference

Position: 100

Loop: ITA Optional

Level: Summary:

Usage: Optional

Max Use: 2

Purpose: To specify pertinent dates and times

Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time Refer to 003072 Data Element Dictionary for acceptable code values.	
	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	
	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 003072 Data Element Dictionary for acceptable code values.	
	DTM05	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format Refer to 003072 Data Element Dictionary for acceptable code values.	
	DTM06	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment: **AMT** Monetary Amount
Position: 102
Loop: ITA Optional
Level: Summary:
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 1/3
Must Use	AMT02	782	Monetary Amount Monetary amount	M R 1/18
	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit Refer to 003072 Data Element Dictionary for acceptable code values.	O ID 1/1

Segment: **SI** **Service Characteristic Identification**
Position: 103
Loop: ITA Optional
Level: Summary:
Usage: Optional
Max Use: 2
Purpose: To specify service characteristic data
Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:
Comments:

- 1 SI01 defines the source for each of the service characteristics qualifiers.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	SI01	559 Agency Qualifier Code Code identifying the agency assigning the code values Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 2/2
Must Use	SI02	1000 Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	M AN 2/2
Must Use	SI03	234 Product/Service ID Identifying number for a product or service	M AN 1/48
	SI04	1000 Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2
	SI05	234 Product/Service ID Identifying number for a product or service	X AN 1/48
	SI06	1000 Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2
	SI07	234 Product/Service ID Identifying number for a product or service	X AN 1/48
	SI08	1000 Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2

811 Credit Card Invoice

SI09	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI11	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI12	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI14	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI16	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI18	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
SI20	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
SI21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48

Segment: **REF** **Reference Identification**
Position: 105
Loop: ITA Optional
Level: Summary:
Usage: Optional
Max Use: 5
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Must Use	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 003072 Data Element Dictionary for acceptable code values.	M ID 2/3
Must Use	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 003072 Data Element Dictionary for acceptable code values.	X ID 2/3
	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3

811 Credit Card Invoice

Refer to 003072 Data Element Dictionary for acceptable code values.

C04006	127	Reference Identification	X	AN 1/30
---------------	------------	---------------------------------	----------	----------------

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	CUR Currency
Position:	106
Loop:	ITA Optional
Level:	Summary:
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:	<ol style="list-style-type: none"> 1 If CUR08 is present, then CUR07 is required. 2 If CUR09 is present, then CUR07 is required. 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required. 4 If CUR11 is present, then CUR10 is required. 5 If CUR12 is present, then CUR10 is required. 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required. 7 If CUR14 is present, then CUR13 is required. 8 If CUR15 is present, then CUR13 is required. 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required. 10 If CUR17 is present, then CUR16 is required. 11 If CUR18 is present, then CUR16 is required. 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required. 13 If CUR20 is present, then CUR19 is required. 14 If CUR21 is present, then CUR19 is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 See Figures Appendix for examples detailing the use of the CUR segment.

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	CUR01	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		Refer to 003072 Data Element Dictionary for acceptable code values.	
Must Use	CUR02	100 Currency Code	M ID 3/3
		Code (Standard ISO) for country in whose currency the charges are specified	
	CUR03	280 Exchange Rate	O R 4/10
		Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	
	CUR04	98 Entity Identifier Code	O ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		Refer to 003072 Data Element Dictionary for acceptable code values.	
	CUR05	100 Currency Code	O ID 3/3
		Code (Standard ISO) for country in whose currency the charges are specified	

CUR06	669	Currency Market/Exchange Code	O	ID 3/3
		Code identifying the market upon which the currency exchange rate is based		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
CUR07	374	Date/Time Qualifier	X	ID 3/3
		Code specifying type of date or time, or both date and time		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
CUR08	373	Date	O	DT 8/8
		Date expressed as CCYYMMDD		
CUR09	337	Time	O	TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
CUR10	374	Date/Time Qualifier	X	ID 3/3
		Code specifying type of date or time, or both date and time		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
CUR11	373	Date	X	DT 8/8
		Date expressed as CCYYMMDD		
CUR12	337	Time	X	TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
CUR13	374	Date/Time Qualifier	X	ID 3/3
		Code specifying type of date or time, or both date and time		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
CUR14	373	Date	X	DT 8/8
		Date expressed as CCYYMMDD		
CUR15	337	Time	X	TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
CUR16	374	Date/Time Qualifier	X	ID 3/3
		Code specifying type of date or time, or both date and time		
		Refer to 003072 Data Element Dictionary for acceptable code values.		
CUR17	373	Date	X	DT 8/8
		Date expressed as CCYYMMDD		
CUR18	337	Time	X	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

CUR19 374 Date/Time Qualifier X ID 3/3

Code specifying type of date or time, or both date and time

Refer to 003072 Data Element Dictionary for acceptable code values.

CUR20 373 Date X DT 8/8

Date expressed as CCYYMMDD

CUR21 337 Time X TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Segment: **CTT Transaction Totals**
Position: 110
Loop:
Level: Summary:
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.
2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CTT01	354		Number of Line Items	M N0 1/6
				Total number of line items in the transaction set	
	CTT02	347		Hash Total	O R 1/10
				Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.	
				Example:	
				-.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	
	CTT03	81		Weight	X R 1/10
				Numeric value of weight	
	CTT04	355		Unit or Basis for Measurement Code	X ID 2/2
				Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
				Refer to 003072 Data Element Dictionary for acceptable code values.	
	CTT05	183		Volume	X R 1/8
				Value of volumetric measure	
	CTT06	355		Unit or Basis for Measurement Code	X ID 2/2
				Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
				Refer to 003072 Data Element Dictionary for acceptable code values.	
	CTT07	352		Description	O AN 1/80
				A free-form description to clarify the related data elements and their	

content

Segment: **SE** Transaction Set Trailer
Position: 120
Loop:
Level: Summary:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Cite the same number as the one cited in ST02.</i>	